First & Final

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498647

Reference to last measurement 8

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Name of work: Constructions of school building & Repair of Flooring painting to school shelter) at govt school. Ramachandrapura in WN:10.						
	Job code: 10-020-000006.						
	W/o Ref: BBMP/EE/BTP/E-PMT/WO/153/19-20 Dt: 8/11/19.						
	Agency: B Girish						
	~~#227~~ 32 A cross, Jayanagar.						
	7th Block Bangalore-11						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO 01: EWE for foundations & buildings, W/S sanitary lines and electrical conduits etc.,						
	Qtys are as per premeasurements recorded vide pg no 498692 of this MB is 261.75 cum @ Rs 193.91						= 50756.00
	Item NO 02: Providing & laying in positions etc.,					PCC & mix 1:4:8	
	Qtys are as per premeasurements recorded vide pg no 498693 of this MB is 31.60 cum @ Rs 4993.54						= 157796.00
	Item NO 03: Providing & constructing granite / trap / basalt - SSM in foundations with CM 1:6 etc.,						

M. A. R. 57 (Rule 116)
Measurement Book

No. B [redacted]18

Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Quantities are as per premeasurement recorded vide pg no 49869						
	@ this MB is 66.50 cum @ Rs 4295.86					=	285675.00
	Item NO 04: Filling available excavated earth inside of foundations						
	up to plinth in layers etc.						
	Quantity as vide NO 1 is 261.75 / 3 =			86.36	@ Rs	77.98 =	6736.00
	Item NO 05: Providing & injecting chemical emulsion for pre constructi						
	for termite treatment etc..						
	For excavated portion 1		9.70	5.50		53.55	
			@ Rs 105.68			=	5638.00.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO 06: Providing & removing centering, shuttering etc.						
	Quantities are as per premeasurements recorded vide pg no 498695						
	of this MB is 69.12 Sqm @ Rs 237.01						= 163820.00
	Item NO 07. Providing & laying in position RCC of M25 with						
	OPC cement @ 340 kgs etc.						
	For column footings	2	9.10	2.50	1	45.50	
		1	5.30	1.80	1	9.54	
		1	2.40	0.45	0.30	0.32	
	For cdems below GL		0.20	0.60	2.00	1.44	
	Front projection concrete (Steps)	1	14.15	2.90	0.15	6.16	
						62.96	

CE/EE 31.07 EXECUTIVE ENGINEER

Assistant Executive Engineer Kanakapura Sub Division BANGALORE

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498649

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Chajja C&FC	2	1.20	0.45	0.10	0.11	62.96
		1	2.10	0.45	0.10	0.09	
						63.16 ≈ 62.98 cum	
						= 401986.00	
	Item No 08: Providing & laying in position RCC of design mix M25 c						
	Ground floor						
	Columns above plinth beam	6	0.20	0.60	4	2.88	
	Plinth beams o/s 4/o	2	9.1	0.20	0.30	1.09	
	S/o	2	5	0.20	0.30	0.60	
	C&FC.	1	2.40	0.20	0.30	0.14	
						4.71	

31/07 Executive Engineer

31/07 Executive Engineer

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Lintel Beam o/s L/W	2	9.10	0.20	0.15	0.55	Sp.71
	S/W	2	5.00	0.20	0.15	0.30	
		1	2.40	0.20	0.15	0.07	
	Roof beams L/W	3	9.10	0.20	0.45	2.46	
	S/W	2	5.00	0.20	0.45	0.90	
		1	2.40	0.20	0.45	0.22	
	Beam		5.00	0.30	0.45	0.68	
		1	14.15	0.60	0.15	1.27	
	Deductions for plinth beam columns	6	0.20	0.60	0.45	- 0.32	
	Dc lintel beams columns	6	0.20	0.60	0.15	- 0.11	
	Deductions roof beam					10.73	

Executive Engineer 31/05

Assistant Executive Engineer Division - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498650

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Reference to last Measurement 8	Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Columns	6	0.20	0.60	0.45	0.32	10.43
		Roof slab	1	9.10	6.80	0.15	9.28	
							19.68 ≈ 19.50	
			@Rs 6532.54				= 127385.00.	
		Item No 09: Providing & removing centering, shuttering etc., Quantities are as per premeasurements recorded vide pg no 498695 of this MB is 59.04 cum @ Rs 375.52					= 22171.00.	
		Item No 10: Providing & removing centering, Shuttering etc., Quantities are as per premeasurements recorded vide pg 498695						

Executive Engineer
Bridge Division
Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of this MB is 81.84 Sqm @ RS 262.66					= 21496.00	
	Item NO 11: Providing & removing centering, shuttering etc., Quantities are as per premeasurements recorded vide pg no 498696						
	of this MB is 53.35 Sqm @ RS 303.78					= 16207.00	
	Item NO 12: Providing TMT steel reinforcement for RCC works etc, Quantities are as per Premeasurements are recorded vide pg no 498698 498699 to 700						
	of this MB is 9.53 T @ Rs 58185.49					= 554508.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B [redacted] 51

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Item No 13: Providing & ~~removing~~ constructing precast concrete Solid blocks with compressive strength not less than 35kg/sqm etc.						
	Ground floor 4W	2	9.10		2.70	49.14	
	9W	2	5.00		2.70	27.00	
		1	2.40		2.70	6.48	
	Compound wall	1	15		1.50	22.50	
		1	2		1.50	3.00	
		1	15		1.50	22.50	
		1	4.10		1.50	6.15	
		1	1.50		1.50	2.25	
		1	15		1.50	22.50	
						161.52	

C/F

Executive Engineer
31/07

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	7		1.50	10.50	161.52
						172.02	
	Deductions D	3	1		2.10	- 6.30	
	W	5	1.20		1.20	- 7.20	
	V	1	1.50		0.90	- 1.35	
	V	1	1.20		0.55	- 0.66	
						15.51	
	Total 156.51 @ Rs 961.36						70576.00
	Item No 14: Providing 12 mm thick cement plastering in single coat with CM 1:6 etc.						
	Roof Slab:	1	6.30	5		31.50	
	Store room	1	2.10	2.40		5.04	
						36.54	

Executive Engineer 31/12/22

Assistant Executive Engineer Division No. - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B [redacted]

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Kitchen	1	2.4	3.10		7.44	36.54
	Front	1	9.10	1.50		13.65	
						57.63 ≈	53.35
			@ Rs	182.63		=	9743.00
	Item NO15: Providing 15 mm thick cement plaster in single coat et						
	Hall	2	6.30		3.00	37.80	
		2	5.00		3.00	30.00	
	Store	2	2.10		3.00	12.60	
		2	2.40		3.00	14.40	
	Kitchen	2	2.40		3.00	14.40	
						109.2	

Assistant Executive Engi
Vidyaranyapura Sub Div
BMP, Bangalore -

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	compound wall	2	3·10		3	18·60	109·2
		1	15·00		1·50	22·50	
		1	2·00		1·50	3·00	
		1	15·00		1·50	22·50	
		1	4·10		1·50	6·15	
		1	1·50		1·50	2·25	
		1	15		1·50	22·50	
		1	7		1·50	10·50	
	Deductions for doors	2	1		2·10	-4·20	
		0·5×1	1		2·10	-1·05	
	windows	0·5×5	1·20		1·20	-3·60	
		0·5×1	1·50		0·90	-0·68	
		0·5×1	1·20		0·55	-0·33	
							207·34

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498653

Reference to last measurement 8

Name of Work .....

Measurement from ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
				Total =		207.35	≃ 190.03 Sqm
			@ Rs 171.34			=	32560.00
	Item No 16: Providing 18mm thick cement plaster in single coat with CM 1:6 etc.,						
	Walls	2	9.10		3.50	63.70	
		1	5.30		3.50	18.55	
	Compound wall	1	15		1.50	22.50	
		1	2		1.50	3.00	
		1	15		1.50	22.50	
		1	4.10		1.50	6.15	
		1	1.50		1.50	2.25	
						138.65	

Assistant Executive Engr
Vidyaranyapura Sub Div
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15		1.5	22.50	138.65
		1	7		1.50	10.50	
	Deductions for doors & W	0.5x1	1		2.10	-1.05	
		0.5x5	1.2		1.20	-3.60	
		0.5x1	1.50		0.90	-0.68	
		0.5x1	1.20		0.55	-0.33	
						166.00	160.55
	@Rs 203.15						32616.00
	Item No 17: Providing & laying flooring using prepolished gang saw/water cut etc.						
	Hall	1	6.3	5		31.50	
	S	2	6.3		0.15	1.89	
						33.39	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

498654

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
		2	5.00		0.15	1.50	33.39
	Kitchen	1	2.10	2.40		5.04	
	Skirting	2	2.10		0.15	0.63	
		2	2.40		0.15	0.72	
	Store room	1	2.40	3.10		7.44	
	Skirting	2	2.40		0.15	0.72	
		2	3.10		0.15	0.93	
	Veranda	1	14.15	2.90		41.04	
		2	14.15	0.30		8.49	
		2	14.15	0.30		8.49	
							108.38

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore

Reference to last Measurement 8

Engineer
Sub Division
Bangalore-97

.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Inside kitchen	1	2.40	0.60		1.44	
		1	2.50	0.45		1.13	
						110.95 ≈ 108.77	
	For 108.77 Sqm @ Rs 2687.09					= 292275.00	
	Item No 18: Providing & finishing external walls in 2 coats over one coat of primer etc,						
	Qty same as ext plastering ie 160.55 Sqm @ Rs 154.93					= 24874.00	
	Item No 19: Providing & applying two coats of wall putty to						
	inside plastered walls & ceiling etc,						
	Qty same as int plastering ie 237.33 Sqm @ Rs 57.46					= 13637.00	
	Item No 20: Providing & applying painting in two coats with						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498655

Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	plastic emulsion paint etc.						
	Qty same as int wall + ceiling ie 237.33 @ Rs 92.34					=	21915.00
	Item NO 21: Providing & fixing white vitreous china clay flat back wash basin etc.,						
	kitchen NO	1			1	1	
	@ Rs 3987.04					=	3987.00
	Item NO 22: providing & ~~fixing~~ 7.5cms to 15cms dia NP grating 100mm ϕ	2					
						2 @ Rs	164.16
						=	328.00.
	Item NO 23: Providing & fixing CI Nahani trap of approved make						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	conforming to ISI Specifications etc NO 2 @ 256.50					= 513.00	
	Item NO 24: Providing & fixing in position brass bib cock of approved quality etc., 2 Nos @ Rs 237.00					= 474.00	
	Item NO 25: Providing & fixing in position brass stop cock etc.. 2 @ Rs 163.50					= 327.00	
	Item NO 26: Providing & fixing MS grill work for windows & Ventilators etc.. W	5	1.2		1.2	7.20	
	V	1	1.5		0.90	1.35	
		1	1.2		0.55	0.66	
						9.21	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498656

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
		1	1.2		0.90	1.08	9.21
		1	1.80		0.30	0.54	
						10.83	
	Add 2% extra for wastage					11.03	
	At 21 kg/m²				=	231.63 @ Rs 80.03/kg	
						= 18487.86	
	Item NO 27: Providing & fixing ex pointed aluminium grundoms						
	Ventilators etc.,						
	W	5	1.20		1.20	7.20	
	V	1	1.50		0.90	1.35	
		1	1.20		0.55	0.66	
						9.21	

CAPWORKS
Assistant Executive Engr
Vidyaranyapura Sub Div
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						9.21	
			≃ 9.00	@ Rs	3917.27	= 35255.00	
	Item NO 28: Providing & fixing CPVC pipes conforming to IS 15778 etc,					15.00	
	25mm pipe	1	15.00			= 3848.00	
			@ 256.50/m				
	Item NO 29: Providing & fixing wall, ceiling & floor unplasticised						
	white 110 mm PVC 6.00 kg/Sq.meter						
		1	15			15	
		1	15			15	
		1	5			5	
						35.00	
		@ Rs 705.89				= 24706.00	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498657

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Item No 30: Providing wood frames of doors, windows, clerestory etc.,						
	D	3	6	0.125	0.100	0.23	
			@ Rs 190948.55/m3			=	43918.00
	Item No 31: Providing & fixing in position fully panelled Teak wood						
	Shutters etc..						
	D	3	1.00		2.10	6.30 @ Rs 8641.00	
						=	54439.00
	Item No 32: Providing & applying painting Two coats (including						
	Teak wood surface etc.,						
	D	2	1.00		2.10	4.20	
	For grill	5	1.20		1.20	7.20	
						11.4	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore (East)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	1.50		0.90	1.35	
		1	1.20		0.55	0.66	
		2	1.00		1.20	2.40	
		1	1.20		1.20	1.44	
						17.25 = 17.10m²	
	@ Rs 31.91					= 546.00	
	Item No 33: conveying the excavated earth to a with lead of 10 kms etc.,						
	Qty vide item No 01	261.75 m³ @ Rs 89.00				= 23296.00	
					Total	= 2374996.00	
	(Rs. Twenty three lakhs Seventy four thousand Nine hundred and Ninety six only).					2374996-00	

M. A. R. 57 (Rule 116)
Measurement Book

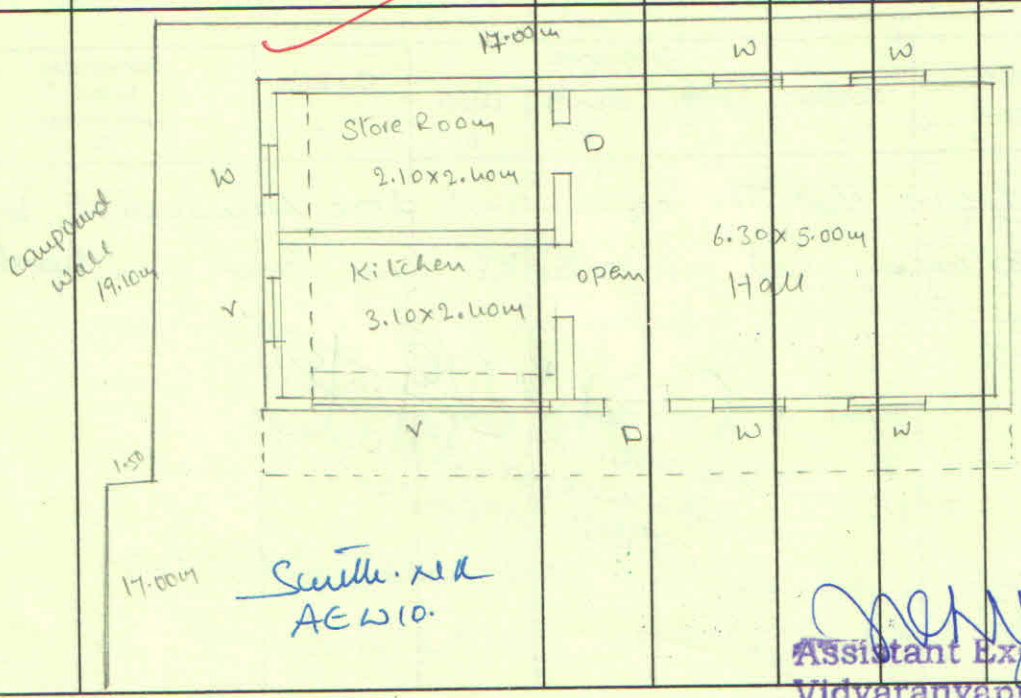
No. B 498658

Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Certificate: certified that the abaue work done satisfactorily by the agency and no materials were issued from departm						
	Seen the W.O 19/10/20.						
	Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97						

Reference to last Measurement
8

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	 Scuttle. N.A AE W10.						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 498659

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Reference to last Measurement 8	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	First & Final Bill					BA = 2374900=00	
	ಕಿಕ್ಕಿರಿಸಿಕೆ P. 1371 ರಡಿ					IP - 23749=00	
	ಒಟ್ಟು ಮೊಬಲಗು ರೂ 2374900=00 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.					LC - 23749=00	
	ಇದರಲ್ಲಿ ರೂ. 118181=00 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ					CBC - 2375=00	
	ಮಾಡಿಕೊಂಡು ರೂ. 2256719=00 ಗಳನ್ನು					Cess - 21204=00	
						Sgst - 21204=00	
	RTGS/NEFT ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ					Deputy 23250=00	
	ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 31/7 ವ್ಯಾಪಾರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು					EOT - 2650=00	
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 31/7 ವ್ಯಾಪಾರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು					TD - 118181=00	
						Total - 2256719=00	